

Device name: Seat heating and cooling device

Abstract [as abstracted by translator]: This is a seat heating and cooling device comprising a vent cavity where cool air or heated air passes, cooling or warming people from the inside of the surface they rest against and ventilating ducts that send the cool air or warm air from the air conditioner or heater of the car to it.

The cavity may be provided in the seat. It may be provided in the seat back or seat bottom. It may be provided in a device above the seat or in a mat. The device may be provided with a suction device that forcefully pulls air from the vent of the air conditioner or heater. There may be an opening in the cavity at the front of the seat bottom or mat and the top of the seat back. Ribs may be provided toward the seat surface. A nozzle that changes the direction of the outlet may be provided on the outlet.